

IUBMB Enzyme Nomenclature

EC 2.4.2.3

Common name: uridine phosphorylase

Reaction: uridine + phosphate = uracil + α -D-ribose 1-phosphate

Other name(s): pyrimidine phosphorylase; UrdPase; UPH; UPase

Systematic name: uridine:phosphate α -D-ribosyltransferase

Links to other databases: [BRENDA](#), [EXPASY](#), [GTD](#), [KEGG](#), [WIT](#), CAS registry number: 9030-22-2

References:

1. Canellakis, E.S. Pyrimidine metabolism. II. Enzymatic pathways of uracil anabolism. *J. Biol. Chem.* 227 (1957) 329-338.
2. Paegle, L.M. and Schlenk, F. Bacterial uracil riboside phosphorylase. *Arch. Biochem. Biophys.* 40 (1952) 42-49.
3. Pontis, H., Degerstedt, G. and Reichard, P. Uridine and deoxyuridine phosphorylases from Ehrlich ascites tumor. *Biochim. Biophys. Acta* 51 (1961) 138-147.

[EC 2.4.2.3 created 1961]

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